

**LIST OF CLAIMS**

Claims 1-23 (Canceled)

Claim 24 (Currently Amended) A method for the treatment of multiple sclerosis comprising administering an effective amount of naked DNA ~~capable of expressing beta-interferon~~ comprising a nucleic acid encoding beta-interferon which comprises a beta-interferon secretory signal to muscle cells of a patient in need of such treatment, wherein said naked DNA is suitable for administration by injection.

Claim 25 (Currently Amended) A pharmaceutical composition for the treatment of multiple sclerosis comprising an effective amount of naked DNA ~~capable of expressing beta-interferon~~ comprising a nucleic acid encoding beta-interferon which comprises a beta-interferon secretory signal and a pharmaceutically acceptable carrier therefor therefore, wherein said pharmaceutical composition is suitable for administration by injection.

Claims 26-32 (Canceled)

Claim 33 (Previously Added) The pharmaceutical composition of claim 25, wherein said beta-interferon is human beta-interferon.

Claims 34-42 (Canceled)

Claim 43 (Previously Added) The method of claim 24, wherein said beta-interferon is human beta-interferon.

Claims 44-45 (Canceled)